B. Specification

Please amend the paragraph at page 3, line 18, to page 4, line 5, as follows:

--As a technique for solving the same, Japanese Patent Application Laid-Open No. 2003-25595 proposes ~~the skill of~~ forming an intermediate chamber with dissolvable resins in two layers and the cross-sectional area in the discharge port lower part that is enlarged (an intermediate portion narrower than the substrate side liquid flow path and wider than the discharge port top end part is provided between the substrate side liquid flow path and the discharge port top end). Moreover, the official gazette discloses a specific example of using a thermally ~~cross~~ cross-linkable positive type resist including a PMMA (polymethyl methacrylate) for the lower layer of the removable two layer resins and using a PMIPK (polymethyl ~~iropropyl~~ isopropyl ketone) for the upper layer.--

Please amend the paragraph at page 19, lines 13-17, as follows:

--For example, with the assumption of a pipe type tube flow path having a density ρ, a length L and a cross-sectional area S0 for simulation, the inertance A0 of the ~~peudo~~ pseudo one-dimensional tube flow path can be represented by:--